

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) Art Unit: 2655
Hiroshi MIYAZAWA et al.) Examiner: G. Patel
Serial No. 09/486,116)
Filed: February 18, 2000)
For: OPTICAL PICKUP APPARATUS,) CERTIFICATE OF MAILING
HOLDER AND METHOD OF)
PRODUCING OPTICAL PICKUP)
APPARATUS)
Adele M. Stamp
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Washington, D.C. 20231, on 3.10.2003

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

JP 05-325217 and JP 63-193215 were cited by a Japanese Examiner in an Official Action mailed December 10, 2002 in a corresponding Japanese Application Number 09-236475. The Official Action states that JP 5-325217 discloses a technique

of forming spots on a plurality of tracks of a disc at the same time, by dividing light emitted from a semiconductor laser into a plurality of beams. The Official Action further states that JP 63-193215 discloses that a lens support member and a light detector support member are attached to a chassis. On page 5, lines 17-19, this document states: "A tubular member (11) accommodates a lens (12) to focus a reflection light from a medium (6) on a light detector (7)." On page 6, lines 11-12, this document states: "A position of the lens (12) is adjusted so that a light guided to the light detector (7) is focused on light detector (7)."

JP 02-089236 discloses a multi-beam optical head having a rotatable reflection mirror (claim 1).

JP 03-141045 discloses an optical pickup device in which a reflecting member is rotatably provided to the periphery of a deflecting point of its deflecting surface (claims).

JP 05-290405 discloses a multi-beam had optical head in which a 45° rectangular prism is rocked around the optical axis of an objective lens and a beam string is rotated (Abstract).

JP 07-235060 discloses an optical pickup in which a half mirror is rotatably provided around an optical axis of mirror reflected light (claim 3).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,



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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/486,116
				Filing Date	February 18, 2000
				First Named Inventor	Hiroshi MIYAZAWA
				Group Art Unit	2655
				Examiner Name	G. Patel
Sheet	1	of	1	Attorney Docket Number	0670-225

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴ (if known)				
	JP	05-325217			12/10/1993		AB/Con. Stmt.
	JP	63-193215			12/13/1988		Con. Stmt.
	JP	02-089236			03/29/1990		AB/Con. Stmt.
	JP	03-141045			06/17/1991		AB/Con. Stmt.
	JP	05-290405			11/05/1993		FULL
	JP	07-235060			09/05/1995		FULL

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		English translation of Office Action from the Japanese Patent Office, mailed 11/05/2002, in JP Patent Application No. 09-273368	ENG

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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